

Appl. No. 10/743,985
Amdt. dated 02/01/2006
Response to Office Action of 11/01/2005

Attorney Docket No.: N1085-00168
[TSMC2003-0219]

REMARKS/ARGUMENTS

Claims 11-34 were previously pending in this application with claims 1-10 and 20-34 having been previously withdrawn from consideration. Claims 1-10 are now cancelled; claim 11 amended; and claim 35 newly added. Applicants respectfully
5 request re-examination, reconsideration and allowance of each of pending claims 11-19 and 35.

Claims 11-19 were rejected under 35 U.S.C. §102(b) as being anticipated by Crowder, et al. (USPN 6,335,262), hereinafter "Crowder." Applicants respectfully submit that these claim rejections are overcome for reasons set forth below.
10 Independent claim 11 has been amended and, as amended, now recites "oxygen ions providing implants in a substrate of an SOI device." The cited reference of Crowder, in contrast, is limited to teaching implanting with "chlorine and/or bromine ions", column 4, line 51.

The Office Action indicates that "Crowder teaches the following claimed
15 limitations as cited below: . . . O or halogen ions providing implants (Col. 4, lines: 50-60) in a substrate of an SOI device." Lines 50-60 of Crowder only teach using chlorine and/or bromine ions for implantation. Crowder does not teach or suggest the use of O ions in the cited section, or anywhere else in the reference. Oxygen ions are quite distinguished from the halogen ions of chlorine and bromine and Applicants respectfully
20 submit that it would not be obvious to substitute one for the other.

Amended independent claim 11, and therefore also claims 12-19 which depend from 11, are therefore distinguished from Crowder and the rejection of claims 11-19 under 35 U.S.C. §102(b) as being anticipated by Crowder, should be withdrawn.

Newly added independent claim 35 recites implanting fluorine ions and is also
25 distinguished from Crowder which is limited to using chlorine and/or bromine ions for implantation.

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CONCLUSION

Based on the foregoing, each of pending claims 11-19 and 35 is in allowable form and the application in condition for allowance, which action is respectfully and expeditiously requested.

The Assistant Commissioner for Patents is hereby authorized to charge any fees or credit any excess payment that may be associated with this communication to Deposit Account 04-1679.

Respectfully submitted,

Dated: February 1, 2006



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